

through adhesive layer 12 and into concrete slab 1. All planks include tongues 11 and grooves 40 to interfit the planks side by side. The planks include beveled edges 13 that form grooves 16, 17, 18, 19, 20 and 21 between the planks.

5 Fig. 2 shows nails 22, 23 and 24 hidden in randomly-formed wormholes/scratches 25, 26 and 27. These nails 22, 23 and 24 pass through planks 6, 7, 8 and 9, through adhesive layer 12 and into concrete slab 1.

What is claimed is:

- 10 1. Method for attaching solid hardwood floor planks to a concrete floor surface comprises:
  - preparing, away from the site of installation, solid plank hardwood floorboards for attachment to said concrete floor surface;
  - applying to said concrete floor surface with at least one water resistant, water impermeable adhesive in sufficient quantity to attach said boards to said surface;
  - 15 placing the prepared solid plank hardwood floorboards on the adhesive-coated concrete floor surface; and
  - allowing the adhesive to set.
- 20 2. A method of claim 1 wherein said preparing step include applying desired finishes to said boards.
3. The method of claim 1 further comprising preparing said concrete floor surface to be clean, dry, smooth, low in surface moisture, and substantially flat.

4. The method of claim 1 further comprising using boards made of hardwood or soft wood of various species, having a length of at least about 3 feet.

5 5. A floor comprising a concrete floor surface with solid plank hardwood floor boards adhesively attached thereto with no subflooring between said boards and said concrete floor surface.

6. A floor comprising solid plank hardwood floor boards, said boards including surface-formed wormholes/nail holes/scratches, colors and finishes, or a combination thereof.

10 7. The floor of claim 5 wherein said boards are of varying thicknesses.

8. The method of claim 1 further comprising, after said placing step, nailing said boards to said concrete floor surface through the adhesive layer.

15 9. The floor of claim 5 further comprising a plurality of nails that penetrate through said boards and into said concrete floor surface.

10. The method of claim 2 further comprising preparing said concrete floor surface to be clean, dry, smooth, low in surface moisture, and substantially flat.

20 11. The method of claim 2 further comprising using boards made of hardwood or soft wood of various species, having a length of at least about 3 feet.

12. The floor of claim 6 wherein said boards are of varying thicknesses.

13. The method of claim 2 further comprising, after said placing step, nailing said boards to said concrete floor surface through the adhesive layer.

10034446-1 12/26/01